Meridian Life Science, Inc.
Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134
USA
Telephone: 901-382-8716
Fax: 901-333-8223
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

Important Note: **Centrifuge before opening to ensure complete recovery of vial contents.**

Catalog #: C65223M **Lot #:** 11I26714

Description: MAb to Epstein Barr Virus
Monoclonal Antibody to Epstein-Barr Virus (EBV), gp 220/350
Fluorescein Conjugated

Specificity: Specific for envelope glycoprotein complex 250/350. EBV glycoprotein gp250/350 is the major glycoprotein associated with the EBV envelope. The 220 kd protein is the result of RNA splicing.

Clone: 022

Host Animal: Mouse **Isotype:** IgG_1

Source: Ascites

Immunogen: Infected B cell Lysate (Native Protein).

Format: FITC, Liquid

Purification: Conjugated with high purity isomer of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

Concentration: 100 µg/mL (OD280nm, $E^{0.1\%} = 1.3$)

Affinity Constant: Not Determined

Buffer: 0.01 M PBS, pH 7.2 containing 10 mg/mL BSA

Preservative: 0.1% Sodium Azide

Applications: Direct FA staining of target antigen in a permissive tissue culture system. Acetone fixation of the antigen source is recommended prior to staining. A starting range of 1:15 to 1:50 is recommended. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at –20°C until ready for use. Aliquot to avoid multiple freeze-thaw cycles.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

References:
The reference listed below is for research purposes only.
Rechsteiner, M.P., et al., (2008), "Latent Membrane Protein 2B Regulates Susceptibility to Induction of Lytic Epstein-Barr Virus Infection", Journal of Virology, **82**(4): 1739-1747

Robert Ott

Signature

08 Mar 2016
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY